AP20 Rec'd PCI/FTO 14 APR 2006

Approved for use through 3/31/2007. OMB 0851-0021 U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 06263/HG

APPLICATION NO. (If known), see 37 CFR 1.5) PRIORITY DATE CLAIMED 16 OCT. 2003; 2 FEB. 2004; 6 FEB. 2004; 23 MARCH 2004 23 AUG. 2004; 24 AUG. 2004; 30 SEPT. 2004; 1 OCT. 2004

INTERNATIONAL APPLICATION NO. PCT/JP2004/015278 INTERNATIONAL FILING DATE 15 OCTOBER 2004 TITLE OF INVENTION
DRIPPING NOZZLE DEVICE, DEVICE FOR RECOVERING FEEDSTOCK LIQUID, DEVICE FOR SUPPLYING A FEEDSTOCK LIQUID, DEVICE FOR SOLIDIFYING THE SURFACES OF DROPS, DEVICE FOR CIRCULATING ADMENIA SOLUTION, AND APPRATUS FOR PRODUCING AMMONIUM DIVINANTE PARTICLES APPLICANT(S) FOR DO/EO/US Kazutoshi OKUBO; Masahi TAKAHASHI; Tomoo TAKAYAMA; Kazuhisa NISHIMURA; and Masaki HONDA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) Indicated below. The US has been elected (Article 31). 5. X A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). b. X has been communicated by the International Bureau. Is not required, as the application was filed in the United States Receiving Office (RO/US). 6. LX An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An eath or declaration of the Inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 38 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording, A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment, which removes all multiple dependent claims 13. X An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of atterney and/er change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4). Express Mail Label No. EV 842 303 344 US 20. X

Other items or information: Copy of: (i) REQEUST PCT/RO/101; (ii) NOTIFICATION PCT/IB/304; (iii) SECOND AND SUPP. NOTICE PCT/BI/308; (iv) NOTIFICATION PCT/B301; (v) INFORMATION PCT/B332; (vi) INTERNATIONAL PREL. REPORT ON PATENTABILITY PCT/IPEA/409; (vii) WO 2005/037715 (title pages only), the publication of PCT/JP2004/015278; (VIII) INT. SEARCH REPORT PCT/ISA/210 & WRITTEN OPINION OF THE ISA; (IX) REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION; 19 sheets drawings (Figs. 1-22)

Date of Deposit: April 14, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above with sufficient postage, and is addressed to the Mail Stop PCT,

'al

Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450)

on Lori Valde

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICAT	ION NO (if know	h, see 27 GFR 1.5)	INTERNATIONAL AF	PPLICATION NO.	ATTORNEY'S DOC	KET NUMBER
•	U.S. APPLICATION NOT (if known), see 37 GFR		PCT/JP2004/015278		06263/HG	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY	
21. Sasic national fee			• • • • • • • • • • • • • • • • • • • •	\$300	\$ 300.00	
22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)					\$ 200.00	
23. X Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an international Searching Authority					\$ 400.00 \$ 900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding					₹ 300.00	
sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE		
110 -100=	10 /50 =		1	x \$250	\$ 250.00	
Surcharge of \$130.00 for furnishing the cath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).					\$.00	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims	2	1 - 20 =	1	x \$50	\$ 50.00	
Independent clair	ms 4	-3=	1	x \$200	\$ 200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applica		s) (if applicable)		+ \$360	\$.00	
TOTAL OF ABOVE CALCULATIONS =					\$ 1,400.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					=· · - · ·	
SUBTOTAL =					\$ 1,400.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$.00	
TOTAL NATIONAL FEE =					\$ 1.400.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$.00	
TOTAL FEES ENCLOSED =					\$ 1,400,00	
					Amount to be	\$.00
					refunded: Amount to be charged:	\$.00
a. A check in the amount of \$ to cover the above fees is enclosed.						
b. Please charge my Deposit Account No In the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1378</u> . A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
			FR 1.495 has not been me on to pending status.	t, a petition to revive	(37 CFR 1.137(a) or (b))	must be filed
SEND ALL CORRESPONDENCE TO:						
CUSTOMER NO. 01933						
HERBERT GOODMAN / Herbert Goodman						
Frishauf, Holtz, Goodman & Chick P.C.						
220 5TH AVE FL 16 NEW YORK NY 10001-7708 17,081					DAY AN IMAGE C	
NEW YORK NY 10001-7708 REGISTRATION					JIN NUMBEK	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(U.S. National Phase Appln. Appl. No.

based on PCT/JP2004/015278)

Kazutoshi OKUBO et al Applicant

Filed Concomitantly herewith

For DRIPPING NOZZLE DEVICE,

> DEVICE FOR RECOVERING FEEDSTOCK LIQUID,

Docket No. 06263/HG

Customer No.: 01933

REQUEST FOR PUBLICATION OF ASSIGNMENT INFORMATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

It is requested that the following assignment information be published as part of the 18-month publication of the present application:

> NUCLEAR FUEL INDUSTRIES, LTD. MeijiYasudaseimei-Mita building, 14-10 Mita 3-chome, Minato-ku Tokyo 108-0073 JAPAN

BERT GOODMAN No. 17,081

Frishauf, Holtz, Goodman & Chick, P.C.

220 Fifth Ave., 16th floor New York, NY 10001-7708 Telephone: (212) 319-4900 Facsimile: (212) 319-5101

HG/lpv

Express Mail Mailing Label No.: EV 842 303 344 US Date of Deposit: April 14, 2006

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Valdes Lorí

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by credit card payment, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

Respectfully submitted,